AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An exhaust gas treatment method for treating exhaust gas containing at least one harmful gas component selected from the group consisting of organometallic gas, metal hydride gas and halide gas; wherein, at least a portion of the exhaust gas is already in an excited state ~~[[when]]~~before the exhaust gas is introduced into an excitation unit, and is reacted with a reaction remover containing a calcium compound in the form of a viscous flow under reduced pressure of 200 to 1 Torr.

2. (Original) The exhaust gas treatment method according to claim 1, wherein the exhaust gas is reacted with the reaction remover in the presence of oxygen.

3. (Canceled).

4. (Original) The exhaust gas treatment method according to claim 1, wherein at least a portion of the exhaust gas is put into the excited state by plasma and/or ultraviolet light.

5. (Original) The exhaust gas treatment method according to claim 1, wherein the exhaust gas contains xenon and/or krypton.

6. (Original) The exhaust gas treatment method according to claim 1, wherein the reaction remover contains calcium oxide and/or calcium hydroxide.

7. (Original) The exhaust gas treatment method according to claim 1, wherein the harmful gas component in a hydride or halide of an element oxide of which is a solid.

8. (Previously Presented) An exhaust gas treatment apparatus for treating exhaust gas containing at least one harmful gas component selected from the group consisting of organometallic gas, metal hydride gas and halide gas, comprising: a first exhaust pump for

reducing the pressure of the exhaust gas, a second exhaust pump for reducing the pressure of the exhaust gas, an excitation unit arranged between the first exhaust pump and the second exhaust pump for putting the exhaust gas into an excited state, and a reaction removal unit containing a reaction remover for removing the harmful gas component by reacting with the harmful gas component present in exhaust gas discharged from the excitation unit, wherein

at least a portion of the exhaust gas is already in an excited state when the exhaust gas is introduced into the excitation unit, and

the exhaust gas is made to flow in the form of a viscous flow during flow of the exhaust gas under reduced pressure of 200 to 1 Torr.

9. (Original) The exhaust gas treatment apparatus according to claim 8, wherein an oxygen supply unit for supplying oxygen is arranged in the excitation unit.

10. (Original) The exhaust gas treatment apparatus according to claim 8, wherein the excitation unit is composed of a plasma device and/or an ultraviolet radiation device.

11. (Original) The exhaust gas treatment apparatus according to claim 8, wherein the reaction remover is composed of calcium oxide and/or calcium hydroxide.

12. (Previously Presented) The exhaust gas treatment method according to claim 1, wherein the exhaust gas reacts with the reaction remover at a SV value ranging from 1000 to 5000 Hr^{-1} and at a LV value of 2 m/min or more.